

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>03761WONL</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/HU2004/000026</b>	International filing date (day/month/year) <b>23/03/2004</b>	(Earliest) Priority Date (day/month/year) <b>24/03/2003</b>
Applicant <b>RICHTER GEDEON VEGYESZETI GYAR RT.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

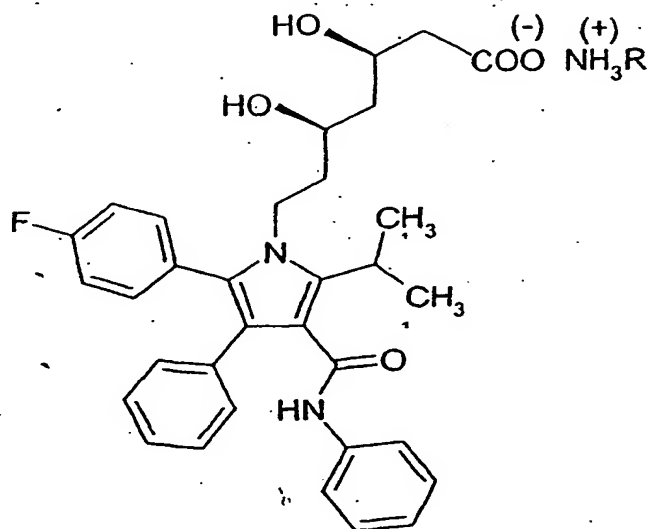
☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☒ none of the figures is to be published with the abstract.

The invention relates to a new process for the synthesis of amorphous atorvastatin calcium, which consists of dissolving the salt of the formula (I) of atorvastatin acid formed with a basic amino acid



— in a mixture of water and a water miscible organic solvent, adding an aqueous solution of a water soluble calcium salt to the solution and isolating the so obtained entirely amorphous atorvastatin calcium of high purity by filtration.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/HU2004/000026

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07D207/34 A61K31/00 A61P3/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/28999 A (EGYT GYOGYSZERVEGYESZETI GYAR ; SZENT KIRALLYI ZSUZSA (HU); VERECZKEYN) 26 April 2001 (2001-04-26) cited in the application examples	1-3
A	WO 01/42209 A (LEK TOVARNA FARMACEVTSKIH ; PFLAUM ZLATKO (SI)) 14 June 2001 (2001-06-14) examples	1-3
P,A	WO 03/082816 A (LANCZOS KRISZTINA ; ERDELYI PETER (HU); FISCHER JANOS (HU); HEGEDUES B) 9 October 2003 (2003-10-09) the whole document	1-3

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

23 July 2004

Date of mailing of the international search report

04/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Menegaki, F

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/HU2004/000026

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0128999	A	26-04-2001	HU 9903634 A2	28-12-2001
			AU 1166301 A	30-04-2001
			CA 2388018 A1	26-04-2001
			CN 1379760 T	13-11-2002
			CZ 20021256 A3	14-08-2002
			EP 1235800 A1	04-09-2002
			HR 20020334 A2	29-02-2004
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			US 2004063969 A1	01-04-2004
WO 0142209	A	14-06-2001	SI 20425 A	30-06-2001
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			SK 7832002 A3	06-11-2002
			US 2002183527 A1	05-12-2002
			US 2004024046 A1	05-02-2004
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			WO 03082816 A1	09-10-2003